

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	38	(US-20030028147-\$ or US-20050182470-\$ or US-20020147485-\$ or US-20050049663-\$ or US-20020156512-\$ or US-20050049664-\$ or US-20030083688-\$ or US-20030028146-\$).did. or (US-6512958-\$ or US-3734083-\$ or US-4379462-\$ or US-5817071-\$ or US-6645194-\$ or US-5417719-\$ or US-5902236-\$ or US-6553264-\$ or US-4545374-\$ or US-5669882-\$ or US-6146371-\$ or US-4044774-\$ or US-5255691-\$ or US-4512351-\$ or US-5762629-\$ or US-6249707-\$ or US-6847849-\$ or US-6895283-\$ or US-5674240-\$ or US-6564078-\$ or US-6814715-\$ or US-6245052-\$ or US-5342384-\$ or US-6565542-\$ or US-6799075-\$ or US-4994027-\$).did. or (US-6277108-\$ or US-4629450-\$ or US-6179826-\$ or US-5843048-\$).did.	US-PGPUB; USPAT	AND	OFF	2011/09/15 17:49
L3	9	L2 and paddle	US-PGPUB; USPAT	AND	OFF	2011/09/15 17:49
L5	14	paddle adj lead and dilator and sheath	US-PGPUB; USPAT	AND	OFF	2011/09/15 17:52
L6	51	paddle and lead and dilator and sheath	US-PGPUB; USPAT	AND	OFF	2011/09/15 17:52
L7	12	paddle adj lead and dilator and sheath and epidural	US-PGPUB; USPAT	AND	OFF	2011/09/15 17:52

L8	47	("4601713"   "4738666"   "4862891"   "4863476"   "5183464"   "5221261"   "5320611"   "5417719"   "5425760"   "5429117"   "5441515"   "5454364"   "5468248"   "5749889"   "5891091").PN. OR ("6277094").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2011/09/15 17:55
L9	185	paddle with known with lead	US-PGPUB; USPAT; USOCR	AND	OFF	2011/09/15 18:41
L11	39178	("607").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/15 18:41
L12	62	L11 and l9	US-PGPUB; USPAT	AND	OFF	2011/09/15 18:42
L13	30	("4141365"   "4270549"   "4285347"   "5255691"   "5618287"   "5669882"   "5762629").PN. OR ("6249707").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2011/09/15 18:45
L14	1	("6309401").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/15 18:53
S1	1	"20050148810"	US-PGPUB; USPAT	AND	OFF	2005/08/31 17:49
S2	1037	600/16	US-PGPUB; USPAT	AND	OFF	2005/08/30 11:23
S3	3	((("20050182470") or ("6847849") or ("6895283")).PN.	US-PGPUB; USPAT	OR	OFF	2005/08/30 11:28
S4	10	("20020022873"   "4832051"   "5484426"   "5919220"   "6112124"   "6161047"   "6175769"   "6249707"   "6309401"   "6522932").PN. OR ("6895283").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/08/30 11:23

S5	21	(("4044774"   "4512351"   "4569351"   "4573448"   "4607639"   "4739764"   "4771779"   "5121754"   "5255691"   "5395317"   "5484445"   "5733322"   "5762629"   "5957965"   "6002964"   "6027456"   "6055456"   "6104957"   "6104960"   "6360750"   "6395007").PN. OR ("6847849").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/08/30 11:26
S6	4	((("5669882") or ("5762629") or ("4545374") or ("6146371")).PN.	US-PGPUB; USPAT	OR	OFF	2005/08/30 11:26
S8	48	((("20010025192") or ("20020022873") or ("20020035377") or ("20020035378") or ("20020035379") or ("20020035381") or ("20010025192") or ("20020022873") or ("20020035377") or ("20020035378") or ("20020035379") or ("20020035381") or ("20020052636") or ("20020107549") or ("20020111661") or ("20020128700") or ("20020042642") or ("20030028147") or ("20030036787") or ("20030055476") or ("20030069623") or ("20030135253") or ("20030204228") or ("3646940") or ("3724467") or ("4141365") or ("4285347") or ("4379462") or ("4735208") or ("4800898") or ("5121754") or ("5249574") or ("5255691") or ("5417719") or ("5669882") or ("5730754") or ("5902236") or	US-PGPUB; USPAT	OR	OFF	2005/08/30 11:32

		("6010493") or ("6024702") or ("6055456") or ("6066165") or ("6104960") or ("6185463") or ("6205361") or ("6233488") or ("6236892") or ("6249707") or ("6277094") or ("6308103") or ("6309401") or ("6360750") or ("6415187") or ("6522932") or ("6553264") or ("6587733") or ("6697677")).PN.				
S10	30	("3734083"   "4129129"   "4350161"   "4451252"   "4543087"   "4596548"   "4619643"   "4639252"   "4675004"   "4784651"   "4795439"   "4804359"   "4808158"   "4846806"   "5045075"   "5160325"   "5180387"   "5201712"   "5333614"   "5348536"   "5374245"   "5451206"   "5536251"   "5554136"   "5556390"   "5569182"   "5762629"   "5817071"). PN. OR ("6146371"). URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/08/30 11:33
S11	44	("2919692"   "3017887"   "3508554"   "3765034"   "3941127"   "4368738"   "4405313"   "4445897"   "4539976"   "4545374"   "4573448"   "4580561"   "4638799"   "4678459"   "4750487"   "4784651"   "4919130"   "4968298"   "5004457"   "5047036"   "5059170"   "5312391"   "5601576").PN. OR ("5762629").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/08/30 13:43

S12	15	("3734083"   "4129129"   "4596548"   "4639252"   "4795439"   "4846806"   "5160325"   "5536251"   "5554136"   "5556390").PN. OR ("5817071").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/08/30 15:13
S13	2	(("5817071") or ("6645194")).PN.	US-PGPUB; USPAT	OR	OFF	2005/08/30 14:07
S14	1	("20050182470").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/30 19:34
S16	2	(("6847849") or ("6895283")).PN.	US-PGPUB; USPAT	OR	OFF	2005/08/30 15:17
S17	1989	(606/194).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/30 19:34
S18	852	(606/191).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/30 19:34
S19	51	S18 and (elliptical or ellipse)	US-PGPUB; USPAT	AND	OFF	2005/08/30 19:36
S21	41	S18 and ((elliptical or ellipse or oval or oblong) with (cross near section))	US-PGPUB; USPAT	AND	OFF	2005/08/30 19:43
S23	11	S17 and ((elliptical or ellipse or oval or oblong) with (cross near section)) and lead	US-PGPUB; USPAT	AND	OFF	2005/08/30 19:43
S25	2	(("20050049663") or ("20050049664")).PN.	US-PGPUB; USPAT	OR	OFF	2005/08/31 10:27
S28	2	10/692244	US-PGPUB; USPAT	AND	OFF	2005/08/31 10:28
S29	2	09/927225	US-PGPUB; USPAT	AND	OFF	2005/08/31 11:21
S30	8	(US-20050182470-\$).did. or (US-4512351-\$ or US-5255691-\$ or US-5902236-\$ or US-6249707-\$ or US-6553264-\$ or US-6847849-\$ or US-6895283-\$).did.	US-PGPUB; USPAT	AND	OFF	2005/08/31 10:30
S31	9	(US-20020022873-\$ or US-20050182470-\$).did. or (US-4512351-\$ or US-5255691-\$ or US-5902236-\$ or US-6249707-\$ or US-6553264-\$ or US-6847849-\$ or US-6895283-\$).did.	US-PGPUB; USPAT	AND	OFF	2005/08/31 10:31

S32	17	(US-20020156512-\$ or US-20050049663-\$ or US-20050049664-\$ or US-20050182470-\$).did. or (US-4044774-\$ or US-4379462-\$ or US-4512351-\$ or US-5255691-\$ or US-5417719-\$ or US-5902236-\$ or US-6249707-\$ or US-6512958-\$ or US-6553264-\$ or US-6564078-\$ or US-6799075-\$ or US-6847849-\$ or US-6895283-\$).did.	US-PGPUB; USPAT	AND	OFF	2005/08/31 10:31
S33	20	09/713598	US-PGPUB; USPAT	AND	OFF	2005/08/31 11:21
S34	133	(607/117).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/14 13:46
S35	135	(600/594).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/31 11:58
S36	38	(604/164.03).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/09/01 10:38
S37	83	(604/164.06).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/31 14:44
S39	197	(604/164.11).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/31 11:59
S40	132	(606/129).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/31 14:44
S41	16	S40 and (circular or cicle or round) and (elliptical or ellipse or oval or oblong)	US-PGPUB; USPAT	AND	OFF	2005/08/31 14:48
S42	28	(US-20030028147-\$ or US-20030083688-\$ or US-20020156512-\$ or US-20050049664-\$ or US-20050049663-\$ or US-20050182470-\$).did. or (US-3734083-\$ or US-4545374-\$ or US-5669882-\$ or US-5674240-\$ or US-5762629-\$ or US-5817071-\$ or US-5902236-\$ or US-6146371-\$ or US-6645194-\$ or US-4044774-\$ or US-4512351-\$ or US-5255691-\$ or US-5417719-\$ or US-6249707-\$ or US-6512958-\$ or US-6553264-\$ or US-6564078-\$ or US-6799075-\$ or US-6847849-\$ or US-6895283-\$ or US-4379462-\$ or US-6245052-\$).did.	US-PGPUB; USPAT	AND	OFF	2005/08/31 14:48

S43	15	S42 and (circular or cicle or round) and (elliptical or ellipse or oval or oblong)	US-PGPUB; USPAT	AND	OFF	2005/08/31 14:48
S44	3	("6146371") or ("6847849") or ("20050182470").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/31 21:22
S45	20763	sheath and polyethylene	US-PGPUB; USPAT	AND	OFF	2005/08/31 21:07
S46	20147	("607").CLAS.	US-PGPUB; USPAT	OR	OFF	2005/08/31 21:07
S47	578	S46 and S45	US-PGPUB; USPAT	AND	OFF	2005/08/31 21:07
S48	62	S46 and S45 and dilator	US-PGPUB; USPAT	AND	OFF	2005/08/31 21:08
S49	1	("20030083688").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/31 21:22
S50	74	(604/164.1).OCLS.	US-PGPUB; USPAT	OR	OFF	2005/09/01 10:40
S51	21	(Harris near2 Charmaine near2 K) or (Klein near2 Joseph near2 J)	US-PGPUB; USPAT	AND	OFF	2005/09/01 11:24
S52	81	("20020022873"   "20020055675"   "20020147485"   "20030028146"   "20030028147"   "20030036787"   "20030083688"   "4044774"   "4141365"   "4143658"   "4166469"   "4270549"   "4285347"   "4512351"   "4549556"   "4596559"   "4650472"   "4660571"   "4726373"   "4735208"   "4744371"   "4772266"   "4805625"   "4808157"   "4919653"   "5002053"   "5031618"   "5255691"   "5342384"   "5443492"   "5458631"   "5496344"   "5517846"   "5587733"   "5618287"   "5662689"   "5669882"   "5713867"   "5725504"   "5762629"   "5817131"   "5843146"   "5846226"   "5997508"   "6002964"   "6038480"   "6104957"   "6104960"   "6106540"   "6134470"   "6149657"	US-PGPUB; USPAT	AND	OFF	2005/09/01 11:24

		"6161029"   "6167311"   "6205361"   "6216045"   "6228052"   "6236892"   "6249707"   "6277094"   "6277108"   "6308103"   "6309401"   "6415187"   "6418344"   "6466817"   "6494868"   "6500128"   "6512958"   "6516226"   "6522927"   "6522932"   "6539264"   "6542780"   "6544270"   "6549810"   "6553264"   "6556869"   "6560491"   "6564078"   "0735208"   "D475463"). PN.				
S53	1	("20020147485").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/24 13:51
S55	140	tuohy near needle	US-PGPUB; USPAT	AND	OFF	2006/02/24 14:25
S56	48	(sacral or sacrum) and (tuohy near needle)	US-PGPUB; USPAT	AND	OFF	2006/02/24 14:25
S61	358	(607/115).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/12/14 13:46
S62	38	(US-20030028147-\$ or US- 20050182470-\$ or US- 20020147485-\$ or US- 20050049663-\$ or US- 20020156512-\$ or US- 20050049664-\$ or US- 20030083688-\$ or US- 20030028146-\$).did. or (US-6512958-\$ or US- 3734083-\$ or US-4379462- \$ or US-5817071-\$ or US- 6645194-\$ or US-5417719- \$ or US-5902236-\$ or US- 6553264-\$ or US-4545374- \$ or US-5669882-\$ or US- 6146371-\$ or US-4044774- \$ or US-5255691-\$ or US- 4512351-\$ or US-5762629- \$ or US-6249707-\$ or US- 6847849-\$ or US-6895283- \$ or US-5674240-\$ or US- 6564078-\$ or US-6814715- \$ or US-6245052-\$ or US- 5342384-\$ or US-6565542- \$ or US-6799075-\$ or US- 4994027-\$).did. or (US- 6277108-\$ or US-4629450- \$ or US-6179826-\$ or US-	US-PGPUB; USPAT	AND	OFF	2011/09/15 14:43

		5843048-\$).did.				
S63	13	S62 and plastic	US-PGPUB; USPAT	AND	OFF	2011/09/15 14:43
S64	12	S62 and polyethylene	US-PGPUB; USPAT	AND	OFF	2011/09/15 15:16
S65	2	(("4545374") or ("4512351")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/15 16:21
S66	533	("2991787"   "3308819"   "3320131"   "3320948"   "3384087"   "3388703"   "3459189"   "3511243"   "3530860"   "3606878"   "3612050"   "3682162"   "3830226"   "3844274"   "3870048"   "3913584"   "3964480"   "3995619"   "4043343"   "4114618"   "4222380"   "4273131"   "4291696"   "4369768"   "4411655").PN. OR ("4545374").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2011/09/15 16:21
S67	71	S66 and (flexible or flexing or deformable or bendable) and polyethylene	US-PGPUB; USPAT; USOCR	AND	OFF	2011/09/15 16:24
S68	34	S66 and (flexible or flexing or deformable or bendable) and polyethylene and dilator	US-PGPUB; USPAT; USOCR	AND	OFF	2011/09/15 16:24
S69	46	("3598108"   "4141365"   "4166469"   "4230123"). PN. OR ("4512351"). URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2011/09/15 16:31
S71	8	S69 and (flexible or flexing or deformable or bendable) and polyethylene	US-PGPUB; USPAT; USOCR	AND	OFF	2011/09/15 16:31
S72	35	("20020147485"   "20030028147"   "20030036787"   "20040015133"   "20050033393"   "20050288758"   "20050288759"   "4306562"   "4512351"   "4573448"   "4629450"   "4950257"   "5190528"   "5255691"   "5275611"   "5300032"   "5725504"   "5730754"   "5779715"	US-PGPUB; USPAT; USOCR	AND	OFF	2011/09/15 16:32

		"5782807"   "6104960"   "6169916"   "6249707"   "6309401"   "6360750"   "6478806"   "6494893"   "6512958"   "6520907"   "6530902"   "6714822"   "6847849"   "6971393"   "7022109"   "7359755"). PN. OR ("8014873"). URPN.				
S73	10	S72 and (flexible or flexing or deformable or bendable) and polyethylene	US-PGPUB; USPAT; USOCR	AND	OFF	2011/09/15 16:35

**EAST Search History (Interference)**

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**9/ 15/ 2011 7:28:57 PM****C:\ Documents and Settings\ AAlter\ My Documents\ EAST\ Workspaces\ 10773121.wsp**